



Practitioner's Docket No. 789_127

PATENT

NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 26, 2004 under "EXPRESS MAIL" mailing label number EL 994436366 US.

Elizabeth A. VanAntwerp
Elizabeth A. VanAntwerp

Transmitted herewith for filing is the patent application of:

Inventor 1: Yukihisa TAKEUCHI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

Inventor 2: Tsutomu NANATAKI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

Inventor 3: Iwao OHWADA
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

Inventor 4: Takayoshi AKAO
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

Title: CIRCUIT ELEMENT, SIGNAL PROCESSING CIRCUIT, CONTROL DEVICE,
DISPLAY DEVICE, METHOD OF DRIVING DISPLAY DEVICE, METHOD OF
DRIVING CIRCUIT ELEMENT, AND METHOD OF DRIVING CONTROL DEVICE

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

87 Page(s) of Specification
16 Page(s) of Claims
1 Page(s) of Abstract
45 Sheets of Formal Drawings (Figs. 1-45)

22858 U.S. PTO

10/810078



B. Other Papers Enclosed

- ☒ A Patent Application Bibliographic Data Sheet
- ☒ A Preliminary Amendment
- ☒ A combined Declaration and Power of Attorney
- ☒ A Submission of Certified Copy of Priority Document and a certified copy of:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2004-046862	February 23, 2004

- ☒ An Information Disclosure Statement
- ☒ PTO Form-1449
- ☒ An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd.
 2-56, Suda-Cho, Mizuho-Ku
 Nagoya-City, Aichi-Prefecture 467-8530
 Japan

2. The correspondence address for this application is: Customer No. 025191

Telephone: (315) 233-8300 Electronic Mail: lvanantwerp@burrandbrown.com
 Facsimile: (315) 233-8320

3. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

☐ Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

☐ Applicants hereby request that the attached application **not** be published under 35 U.S.C. 122(b).

4. Relate Back**A. 35 U.S.C. 119(e)**

☒ Priority of provisional application Serial No. 60/457,719 filed March 26, 2003, is hereby claimed under 35 U.S.C. §119(e).

B. 35 U.S.C. 119 Priority Claim for Prior Application

☒ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2004-046862	February 23, 2004

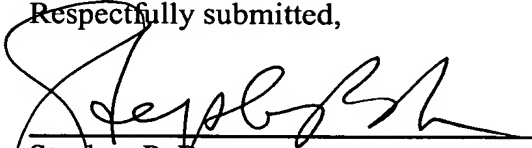
5. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	43 - 20 =	23	× \$ 18.00	\$414.00
Independent Claims	8 - 3 =	5	× \$ 86.00	\$430.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,614.00
[] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
SUBTOTAL =				\$1,614.00
[] Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d)--\$130.00)				
[x] Assignment Fee (37 CFR §1.21(h)--\$40.00)				\$40.00
TOTAL FEES DUE =				\$1,654.00

6. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

- [x] A check in the amount of \$1,654.00 is enclosed.
- [x] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
- [x] Any additional filing fees required under 37 CFR 1.16.
- [x] Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,


 Stephen P. Burr
 Reg. No. 32,970

March 26, 2004

Date

SPB/eav

BURR & BROWN
 P.O. Box 7068
 Syracuse, NY 13261-7068

Customer No.: 025191
 Telephone: (315) 233-8300
 Facsimile: (315) 233-8320